

AMENDMENTS TO THE SPECIFICATION:

On page 1, after the title and before the first paragraph of the specification, please insert the following new headings on two new separate lines:

BACKGROUND

1. **Technical Field**

Page 1, please delete the heading at line 3 in its entirety.

Page 1, please delete the heading at line 8 in its entirety and insert therefor the following new heading:

2. **Related Art**

Page 3, line 16, please delete the heading in its entirety and insert the following new heading:

SUMMARY

Please replace the paragraph beginning on page 6, line 4 with the following amended paragraph:

The present invention exemplary embodiment provides significant advantages over currently known methods of performing document search and retrieval. In particular, the use of a verb and noun or a noun, verb and noun as a search request makes for an intuitively simple search request for a user to generate and yet provides a large amount of information.

Furthermore, for the purposes of locating a service, it is a particularly suitable form for a search request to take. Furthermore, by associating each document with at least two nodes in different ontological spaces ([ie] i.e., a verb space and a noun space), and additionally with a relationship between each noun and verb node, a very accurate description of a service can be made which is still very intuitive and easy to predict by an inexpert user.

Please replace the paragraph beginning on page 6, line 14 with the following amended paragraph:

More generally, the invention exemplary embodiment provides for associating stored documents with two (or more) distinct identifier terms, each of which is associated with its own distinct ontological space. The retrieval of documents can then be performed efficiently by carrying out two (or more) separate searches in the distinct (and specific) ontological spaces. By making the ontological spaces specific to the type of identifier, they contain fewer nodes than they would if general ontological spaces were used and therefore the searches are more likely to be accurate. But by having more than one ontological space (and thus search) the range of different distinct ways of describing/identifying documents can be increased without losing accuracy. Including as part of the identification/searching strategy a type of link or links between the various identifier terms further increases both possible accuracy and "resolution". Note that the use of specific ontological spaces (which could perhaps be termed limited ontological spaces, or simply limited ontologies) is especially beneficial because of the high levels of accuracy and flexibility which limited ontologies provide for indexing and searching.

LI

Appl. No. 10/568,825

December 31, 2007

Page 7, line 25, please delete the heading in its entirety and
insert the following new heading:

BRIEF DESCRIPTION OF THE DRAWINGS

Please insert the following new heading on page 8, line 20:

DETAILED DESCRIPTION OF EXEMPLARY EMBODIMENTS

Before the listing of the claims, at the top of page 24 of the specification, please delete
the word “CLAIMS” and insert therefore --**WHAT IS CLAIMED IS:--**